SEP 3 0 2009 DU

Approved for use through 11/30/2011, QMB-0851:0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE duction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

Interetry appoint: Plactitioners associated with the Customer Number 90228	37.0	FT(3.1.3(D).	previous powers of attorney	given in the ap	olication identifie	ed in the a	ittached state	ment under
Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used): Name	I here	by appoint:						
Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used): Name	V	Practitioners asso	ciated with the Customer Number.		90228			
Name Registration Number Name Registration Number Name Registration Number Number Registration Number Number Registration Number Registration Number Registration Number Registration Number Registration Registration Number Registration Reg	9)R]	
as attorney(s) or agent(s) to represent the undersigned before the United States Palent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to: The address associated with Customer Number. 90228 OR Individual Name Address: City. State Email Assignée Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must Identify the application in which this Power of Attorney is to be filled. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.		Practitioner(s) nar	ned below (if more than ten patent	practitioners are to	be named, then a c	ustomer nur	nber must be us	ed):
attached to this form in accordance with 37 GFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 GFR 3.73(b) to: The address associated with Customer Number: 90228			Name			Name		
attached to this form in accordance with 37 GFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 GFR 3.73(b) to: The address associated with Customer Number: 90228								
attached to this form in accordance with 37 GFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 GFR 3.73(b) to: The address associated with Customer Number: 90228 OR	į							
attached to this form in accordance with 37 GFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 GFR 3.73(b) to: The address associated with Customer Number: 90228 OR								
attached to this form in accordance with 37 GFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 GFR 3.73(b) to: The address associated with Customer Number: 90228 OR						· · · · · · · · · · · · · · · · · · ·		
attached to this form in accordance with 37 GFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 GFR 3.73(b) to: The address associated with Customer Number: 90228 OR	7 e 6				F		· · · · · · · · · · · · · · · · · · ·	and the second s
Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:		a an patern applied	and its good in the first second	re the United State aned according to t	s Palent and Trader ne USPTO assignm	ent records	(USPTO) in conr or assignment de	ection with ocuments
Firm or Individual Name Address City: Stale Zip Country: Email Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.				ion identified in the	atlached statement		FR 3.73(b) to:	
Firm of individual Name Address	V	The address as	speciated with Gustomer Number		90228			
Address City Stale Zip Country Telephone Email Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee	OR	an eddddddddddd ffffff	Assessment of Goldman Manney		u depli tatueteĝis de la	00 300 0.00 0.00 0.00 0.00 0.00 0.00 0.	e en erroman, de land. L	erente de la participa
City Stale Zip Country Telephone Email Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.					<u>nedding har godinia ghan</u>	SHELLER SHOW SHIPS AND AS	The second second second	
Country Telephone Email Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.					· · · · · · · · · · · · · · · · · · ·			
Country Telephone Email Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.			<u> </u>				÷ .	·
Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.	City	I.		Stale			Zip	-
Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.	Count	Iy - 3	en variable de la companya del companya del companya de la company	100 100 100 100 100 100 100 100 100 100		1		
Assignee Name and Address: HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.	Telepi	ione			Email			
HYNIX SEMICONDUCTOR INC., SAN 136-1, AMI-RI, BUBAL-EUP, ICHEON-SI, GYEONGGI-DO, 467-701, REPUBLIC OF KOREA A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.	<u> </u>					·		
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee	Assigne	e Name and Addr	ess:					
the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee	HYNIX GYEO	SEMICONDU NGGI-DO, 467	JCTOR INC., SAN 136-1, AN 7-791, REPUBLIC OF KORE	MI-RI, BUBAL-E EA	UP, ICHEON-S	l,		
the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee	· · · · · · · · · · · · · · · · · · ·	<u>.</u> ;		·	Market Control			
the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee	А сору	of this form, to	gether with a statement und	er 37 CFR 3.73(I) (Form PTO/SB	/96 or eau	ivalent) is ren	uired to be
SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee	the pra	ctitioners appo	pinted in this form if the anno	. The statement	under 37 CFR 3	77/61	المالينينية شماه	
The individual whose signature and title is supplied below is authorized to act on behalf of the assignee						· · · · · · · · · · · · · · · · · · ·		
		The ind	ividual whose signature and title i	s supplied below is	authorized to act or	n behalf of t	he assignee	ļ
Date August 7,2009	Signatur		MMs			1		2009
Namo	Name		Hyun-Koo Choi					
Title Head of Intellectual Property Management Team								

This collection of information is required by 37 CFR.1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR.1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (11-08)

Approved for use through 12/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE dion Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	THE THA	BENETT	STATEMENT	T UNDER 37 CF	R 3.73(b)	
Applicant/	Patent Owner:	Sung-Chan PAR	K et al.			
Application	n No./Patent No.	09/998,303		Filed/l	ssue Date: <u> </u>	December 3, 2001
Entitled:	METHOD FOR FO	DRMING CONTACT H	IOLE AND SPAC	ER OF SEMICOND	UCTOR DEVIC	CE
	iconductor, Inc. signee)		, a	Corporation of the (Type of Assignee,		rea partnership, university, government agency, etc.)
states that	t it is:					
. [7]						
1.	*	f the entire right, titl				
2.		less than the entire percentage) of its			_ %)	
in the pate	ent application/pa	atent identified abov	e by virtue of e	either:		
A. 🚺	An assignment the United Stat copy therefore	es Patent and Trad	s) of the patent emark Office a	application/patent t Reel <u>012630</u>	identified abo	ove. The assignment was recorded in ame 0327 , or for which a
В.	A chain of title	from the inventor(s)	, of the patent a	application/patent	identified abo	ove, to the current assignee as follows:
	1. From:		·		To:	
	The	document was reco	rded in the Uni	ted States Patent	and Tradema	ark Office at
	Reel		, Frame	ə <u></u>	, or fo	r which a copy thereof is attached.
	2. From:				То:	
		document was reco				
	Reel	<u> </u>	, Frame	e	, or fo	r which a copy thereof is attached.
	3. From:				То:	
	The	document was reco	rded in the Uni	ted States Patent	and Tradema	ark Office at
	Reel		, Frame	9	, or fo	r which a copy thereof is attached.
	Additional doc	cuments in the chair	of title are liste	ed on a suppleme	ntal sheet.	
		CFR 3.73(b)(1)(i), the				om the original owner to the assignee was,
						oust be submitted to Assignment Division in O. See MPEP 302.08]
The under	rsigned (whose t	itle is supplied belo	w) is authorized	d to act on behalf	of the assigne	ee.
	/Jun	g H. Kim/		_		September 30, 2009
		Signature				Date
	Jung H.	Kim (Reg.No. 51,	299)			571-327-5450
	Printed	or Typed Name				Telephone Number
		Title		-		

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.